

Access DB# \_\_\_\_\_

# SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: Jim McClellan Examiner #: 75466 Date: 8/13/03  
 Art Unit: 3627 Phone Number: 305-0212 Serial Number: 09/733,522  
 Mail Box and Bldg/Room Location: PK5-7X07 Results Format Preferred: Paper

**If more than one search is submitted, please prioritize searches in order of need.**

Title of Invention: Reliable, Secure, and Scalable Infrastructure for Event Registration and Propagation  
 Inventors (please provide full names): Neta Amit & Alexander Frank

Earliest Pri. Filing Date: 12/8/00

**Notes:**

This invention is directed to a system for notifying clients (computer users) of events of an event source, wherein a first trigger engine (software) is configured to register event requests for a plurality of clients and combine similar requests into a base request. After an event occurs, a second trigger engine notifies the correct client that their requested event occurred. This system is often used in batch processing.

See real world example attached.

Key words: batch processing, trigger, notify, notification, client, server, event, request, proxy, schedule, time

I have attached a copy of the ABSTRACT, Summary of Invention (including example), and claim 1.

STAFF USE ONLY		Type of Search	Vendors and cost where applicable	
Searcher:	_____	NA Sequence (#)	_____	STN
Searcher Phone #	_____	AA Sequence (#)	_____	Dialog
Searcher Location:	_____	Structure (#)	_____	Questel/Orbit
Date Searcher Picked Up:	_____	Bibliographic	_____	Dr. Link
Date Completed:	_____	Litigation	_____	Lexis/Nexis
Searcher Prep & Review Time:	_____	Fulltext	_____	Sequence Systems
Clerical Prep Time:	_____	Patent Family	_____	WWW/Internet
Online Time	_____	Other	_____	Other (specify)

File 344:Chinese Patents Abs Aug 1985-2003/Mar  
 (c) 2003 European Patent Office  
 File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200351  
 (c) 2003 Thomson Derwent  
 File 348:EUROPEAN PATENTS 1978-2003/Jul W03  
 (c) 2003 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20030807,UT=20030731  
 (c) 2003 WIPO/Univentio

?ds

Set	Items	Description
S1	7	AU='AMIT N J':AU='AMIT NOACH'
S2	4	S1 AND EVENT?
S3	13	AU='FRANK ALEXANDER':AU='FRANK ANDRE'
S4	6	S3 AND EVENT?
?		

4/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01042782

**System and method for monitoring activity**  
**System und Verfahren zur Überwachung der Aktivität**  
**Systeme et methode de surveillance de l'activite**  
PATENT ASSIGNEE:

Pylon Inc., (2621830), International Trust Building, Wickhams Cay, P.D.  
Box 659, Road Town, Tortola, (VG), (applicant designated states:  
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Margulis, Eliahu, 6 Hasaifan Street, Oranit 44813, (IL)  
**Frank, Alexander**, 127/306 Tel Hashomer, Ramat-Gan 52621, (IL)

LEGAL REPRESENTATIVE:

Staudt, Hans-Peter, Dipl.-Ing. et al (74371), Harderstrasse 39, 85049  
Ingolstadt, (DE)

PATENT (CC, No, Kind, Date): EP 922434 A1 990616 (Basic)

APPLICATION (CC, No, Date): EP 98123388 981209;

PRIORITY (CC, No, Date): IL 12259797 971214

DESIGNATED STATES: DE; ES; FI; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: A61B-005/22; A61B-005/00; A61B-005/0245;

ABSTRACT WORD COUNT: 149

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9924	1738
SPEC A	(English)	9924	7516
Total word count - document A			9254
Total word count - document B			0
Total word count - documents A + B			9254

INVENTOR:

... IL)

**Frank, Alexander** ...

...SPECIFICATION visible or audible indicators which appear on the display during the session, to indicate external **events** or internal changes during the training session. For example, when the total desired heart beat...

4/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00731749

**Recirculation system and method for automated dosing of the apparatus**  
**Rezirkulationssystem und Verfahren zum automatischen Dosieren der Vorrichtung**

**Systeme de recirculation et methode pour doser automatiquement l'appareil**

PATENT ASSIGNEE:

BASF CORPORATION, (612862), 3000 Continental Drive North, Mount Olive,  
New Jersey 07828-1234, (US), (Proprietor designated states: all)  
Cydec S.A., (1993000), Place de la Gare 5, 1296 Coppet, (CH), (Proprietor  
designated states: all)

INVENTOR:

Guyomard, Daniel, 28, Rue J. Biondi, F-60260 Lamorlaye, (FR)  
**Frank, Alfred**, 3654 Torrance Drive, Toledo, Ohio 43612, (US)  
Anderson, James L., 84 Cranbrock Drive, Howell, Michigan 48843, (US)  
Chavaillaz, Georges, Rue Centrale 53, CH-1025 Saint Sulpice, (CH)

LEGAL REPRESENTATIVE:

Munch, Volker, Dr. et al (59992), Dres. Fitzner & Munch Rechts- und  
Patentanwalte Lintorfer Strasse 10, 40878 Ratingen, (DE)

PATENT (CC, No, Kind, Date): EP 690294 A1 960103 (Basic)  
EP 690294 B1 010124  
APPLICATION (CC, No, Date): EP 95109791 950623;  
PRIORITY (CC, No, Date): US 268929 940630  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE  
EXTENDED DESIGNATED STATES: SI  
INTERNATIONAL PATENT CLASS: G01G-017/06; G01G-013/04; B29B-007/76  
ABSTRACT WORD COUNT: 186  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200104	963
CLAIMS B	(German)	200104	922
CLAIMS B	(French)	200104	1123
SPEC B	(English)	200104	5591
Total word count - document A			0
Total word count - document B			8599
Total word count - documents A + B			8599

INVENTOR:

... FR)  
**Frank, Alfred ...**

...SPECIFICATION reservoir 60A does not rise to the lower end of port 60A3)). However, in the **event** that the paint level in the buffer reservoir 60A does rise to an abnormal level...

...flow of paint into the solenoid 64A (and possibly the pressurization line 66) in the **event** of controller malfunction or the like.

The float valve 120A also serves as a safety...and thereby prevent the flow of paint through check valve body 38A4)). However, in the **event** that air (or any other gas employed as the pressurization fluid) reaches the valve 38A...

...to escape on to the downstream valve body 38A3)) of check valve 38A1)). In the **event** that no paint is contained within the check valve 38A1)), the air may then be...

...housed within explosion proof or air-pressurized cabinets with appropriate shut-off devices in the **event** of low air pressure.  
Although the apparatus 10 according to this invention has been described...

4/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00915022 \*\*Image available\*\*

**SYSTEM AND METHOD FOR THE DATA TRANSMISSION OF DIGITAL TRANSMISSION DATA**  
**DISPOSITIF ET PROCEDE PERMETTANT DE TRANSMETTRE DES DONNEES DE TRANSMISSION**  
**NUMERIQUES**  
**ANORDNUNG UND VERFAHREN ZUR DATENUBERTRAGUNG VON DIGITALEN**  
**UBERTRAGUNGSDATEN**

Patent Applicant/Assignee:

SIEMENS AKTIENGESellschaft, Wittelsbacherplatz 2, 80333 Munchen, DE, DE  
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

**FRANK Andre**, Hohe Allee 73, 15366 Neuenhagen, DE, DE (Residence), DE  
(Nationality), (Designated only for: US)

RISSLAND Volker, Am Siebgraben 75, 16727 Marwitz, DE, DE (Residence), DE

(Nationality), (Designated only for: US  
Legal Representative:  
SIEMENS AKTIENGESELLSCHAFT (commercial rep.), Wittelsbacherplatz 2, 80333  
Munchen, DE,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200249176 A1 20020620 (WO 0249176)  
Application: WO 2001DE4772 20011212 (PCT/WO DE0104772)  
Priority Application: DE 10062762 20001213  
Designated States: US  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
Publication Language: German  
Filing Language: German  
Fulltext Word Count: 4527

Patent Applicant/Inventor:  
**FRANK Andre ...**

Legal Status (Type, Date, Text)  
...expiration of the time limit for amending the claims and to be  
republished in the **event** of the receipt of  
amendments.

Examination...

**4/3,K/4 (Item 2 from file: 349)**  
DIALOG(R) File 349:PCT FULLTEXT  
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00832166 \*\*Image available\*\*

**GUARANTEED EXACTLY ONCE DELIVERY OF MESSAGES**  
**SYSTEME D'EXPEDITION GARANTIE DE MESSAGES EXACTEMENT EN UNE SEULE FOIS**

Patent Applicant/Assignee:  
MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US  
(Residence), US (Nationality)

Inventor(s):  
AMIT Neta, 33 Yotam Street, 34675 Haifa, IL,  
**FRANK Alexander**, 11 Mizpe St., 52493 Ramat-Gan, IL,  
PELED Yifat, 48 Hapalmach St., Haifa, IL

Legal Representative:  
DRYJA Michael A (agent), Law Offices of Michael Dryja, 704 228th Avenue  
NE, PMB 694, Sammamish, WA 98074, US,

Patent and Priority Information (Country, Number, Date):  
Patent: WO 200165785 A1 20010907 (WO 0165785)  
Application: WO 2001US2502 20010125 (PCT/WO US0102502)  
Priority Application: US 2000514460 20000228  
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 3231

Inventor(s):  
... **FRANK Alexander**

Legal Status (Type, Date, Text)  
...expiration of the time limit for amending the claims and to be  
republished in the **event** of the receipt of  
amendments.

Examination...

4/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00826196 \*\*Image available\*\*

**LABEL THAT CAN BE INSCRIBED USING A LASER BEAM AND CORRESPONDING METHOD AND  
DEVICE FOR THE PRODUCTION THEREOF**  
**ETIQUETTE MUNIE D'UNE INSCRIPTION EFFECTUEE PAR FAISCEAU LASER, PROCEDE ET  
DISPOSITIF PERMETTANT DE LA PRODUIRE**  
**MIT EINEM LASERSTRAHL BESCHRIFTETES ETIKETT, SOWIE VERFAHREN UND  
VORRICHTUNG ZU SEINER HERSTELLUNG**

Patent Applicant/Assignee:

SCHREINER GMBH & CO KG, Bruckmannring 22, 85758 Oberschleissheim, DE, DE  
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

**FRANK Alfred**, Sailerbachstrasse 42, 83115 Neubuern, DE, DE (Residence)  
, DE (Nationality), (Designated only for: US)

Legal Representative:

SCHREINER GMBH & CO KG (commercial rep.), Bruckmannring 22, 85758  
Oberschleissheim, DE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159745 A1 20010816 (WO 0159745)

Application: WO 2001DE524 20010210 (PCT/WO DE0100524)

Priority Application: DE 10006377 20000212

Designated States: AU CA JP US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: German

Filing Language: German

Fulltext Word Count: 4553

Patent Applicant/Inventor:

**FRANK Alfred** ...

Fulltext Availability:

Detailed Description

Legal Status (Type, Date, Text)

...expiration of the time limit for amending the claims and to be  
republished in the **event** of the receipt of  
amendments.

Detailed Description

... bei Bedarf weiterverarbeiten, d.h. mit einem Laser beschriften, auf  
die gewünschte Grosse schneiden und **eventuell** mit einer  
Klebstoffschicht versehen. Es ist jedoch auch denkbar, die Folie für die  
Zwecke des Endverbrauchers auf der Herstellerseite vorzubereiten, d.h.

**eventuell** mit einer Selbstklebeschicht zu versehen und/oder in einer  
gewünschten Grosse auszustanzen und/oder mit...

4/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00499261 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MONITORING ACTIVITY**  
**SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE ACTIVITE**

Patent Applicant/Assignee:

PYLON INC,  
MARGULIS Eliahu,  
FRANK Alexander,

Inventor(s):

MARGULIS Eliahu,

2/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014877438 \*\*Image available\*\*  
WPI Acc No: 2002-698144/200275  
XRPX Acc No: N02-550574

Event notification system for computer network, determines  
correspondence between event instances and client requests and notifies  
event instance to respective client

Patent Assignee: MICROSOFT CORP (MICT )

Inventor: AMIT N J ; FRANK A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020116248	A1	20020822	US 2000733522	A	20001208	200275 B

Priority Applications (No Type Date): US 2000733522 A 20001208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020116248	A1		28	G06F-017/60	

Event notification system for computer network, determines  
correspondence between event instances and client requests and notifies  
event instance to respective client

Inventor: AMIT N J ...

Abstract (Basic):

... A trigger engine (60) registers event requests from several  
clients (62) and groups into base event request. Another engine (61)  
registers the base request and receives event notification  
corresponding to the base event. The engine (61) provides data  
indicating event instance, to the engine (60) which determines  
correspondence between the instances and the requests, to...

... 1) Event notification method; and...

...For notifying clients of events in computer network such as LAN, WAN,  
intranet, Internet...

...By grouping the event requests, event registration and propagation  
are handled reliably and securely and hence reliable, secure and  
scalable trigger...

...The figure shows the block diagram of the event handling system...

Title Terms: EVENT ;

2/3,K/2 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00551286

Apparatus and method for implementing a distributed program stack.  
Vorrichtung und Verfahren fur die Realisierung eines verteilten  
Programmstacks.

Appareil et methode pour la realisation d'une pile programme distribuee.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US); (applicant designated states:  
CH;DE;ES;FR;GB;IT;LI;NL;SE)

INVENTOR:

Amit, Neta Jacob , 33 Yotam Street, Haifa 34675, (IL)  
Marberg, John Michael, 31 Vitkin Street, Haifa 34754, (IL)  
Shani, Uri, 71 Adi, Adi 17940, (IL)

LEGAL REPRESENTATIVE:

de Pena, Alain et al (15151), Compagnie IBM France Departement de  
Propriete Intellectuelle, F-06610 La Gaude, (FR)  
PATENT (CC, No, Kind, Date): EP 509946 A2 921021 (Basic)  
EP 509946 A3 941130  
APPLICATION (CC, No, Date): EP 92480040 920313;  
PRIORITY (CC, No, Date): IL 97894 910416  
DESIGNATED STATES: CH; DE; ES; FR; GB; IT; LI; NL; SE  
INTERNATIONAL PATENT CLASS: G06F-009/40; G06F-009/46;  
ABSTRACT WORD COUNT: 290

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2385
SPEC A	(English)	EPABF1	6956
Total word count - document A			9341
Total word count - document B			0
Total word count - documents A + B			9341

INVENTOR:

**Amit, Neta Jacob ...**

...SPECIFICATION WAIT state, waiting for **events** to be signalled from remote partitions. This state is represented in Fig. 8 at 801...CALL **event** 803,902, requesting it to invoke the remote server. The client agent establishes a remote...

...CALL **event** . The client agent first verifies status (whether it is legal to receive an AGT...REPLY **event** 904, 808, signalling it to wait for the remote service to return. The client agent...

...WAIT state 809, from which it can receive either of two **events** from some remote agent: AGT...

...REPLY **event** will arrive from the server agent of the remote procedure call currently in progress after...

...CALL **event** (if any) will arrive as part of a new remote procedure call for some local...

...REPLY **event** 812, 914, signalling it to alert the client that the service has been completed. Fig. 10C shows the action taken by the server agent on issuing an AGT,REPLY **event** , represented in Fig. 8 at 813. The server agent first verifies status (whether it is...RETURN **event** 817, 906, signalling it to expect the return of the remote procedure call from the...

...RETURN **event** 818, 916, signalling it to return the remote procedure call to the client agent. The...

...RETURN **event** , signalling return from the s-stub. The server agent verifies status 1041. If it is...WAIT state, while performing either of the **events** AGT...

2/3,K/3 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00242311

Portable water purifier.

Tragbares Gerat fur die Wasserreinigung.

Purificateur d'eau portatif.

PATENT ASSIGNEE:



Amit, Noach, (862200), 20 Disraeli St., Haifa, (IL), (applicant designated states: BE;CH;DE;ES;FR;GB;IT;LI;NL)  
Amit, Uri, (862220), Post Migdal Haemek, Timrat, (IL), (applicant designated states: BE;CH;DE;ES;FR;GB;IT;LI;NL)  
Frommer, Moshe A., Dr., (862230), 2a, Eisenberg St., Rehovot, (IL), (applicant designated states: BE;CH;DE;ES;FR;GB;IT;LI;NL)

INVENTOR:

Amit, Noach, 20 Disraeli St., Haifa, (IL)  
Amit, Uri, Post Migdal Haemek, Timrat, (IL)  
Frommer, Moshe A., Dr., 2a, Eisenberg St., Rehovot, (IL)

LEGAL REPRESENTATIVE:

Patentanwalte Dr. Solf & Zapf, Zeppelinstrasse 53, D-8000 Munchen 80, (DE)

PATENT (CC, No, Kind, Date): EP 249049 A1 871216 (Basic)

APPLICATION (CC, No, Date): EP 87107034 870515;

PRIORITY (CC, No, Date): IL 79090 860610

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: G21F-009/12; C02F-009/00;

ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	490
SPEC A	(English)	EPABF1	1572
Total word count - document A			2062
Total word count - document B			0
Total word count - documents A + B			2062

INVENTOR:

Amit, Noach ...

...SPECIFICATION weapons or poison gas, soil and water may be contaminated for long periods after the event ; persons entering the attacked area are, as a matter of fact, protected against radiation and...

2/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00832166 \*\*Image available\*\*

**GUARANTEED EXACTLY ONCE DELIVERY OF MESSAGES**

**SYSTEME D'EXPEDITION GARANTIE DE MESSAGES EXACTEMENT EN UNE SEULE FOIS**

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US  
(Residence), US (Nationality)

Inventor(s):

AMIT Neta, 33 Yotam Street, 34675 Haifa, IL,  
FRANK Alexander, 11 Mizpe St., 52493 Ramat-Gan, IL,  
PELED Yifat, 48 Hapalmach St., Haifa, IL

Legal Representative:

DRYJA Michael A (agent), Law Offices of Michael Dryja, 704 228th Avenue NE, PMB 694, Sammamish, WA 98074, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200165785 A1 20010907 (WO 0165785)

Application: WO 2001US2502 20010125 (PCT/WO US0102502)

Priority Application: US 2000514460 20000228

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW